
Preston W. Grounds III, Ph.D.



Division Director for Electronics, Sensors, and Networks Research Office of Naval Research

Dr. Grounds presently serves as the Division Director for Electronics, Sensors, and Networks Research at the Office of Naval Research (ONR) where he manages a research budget of \$150M and provides technical direction to an additional \$100M in applied research. He has been acting in that position since August 2004. The position became official in October 2006 when he entered the Senior Executive Service. Dr. Grounds entered the Civil Service in September 1977.

Dr. Grounds served as the Branch Head for Surface Electronic Warfare Systems at the Naval Research Laboratory from 2000 to 2004. In this position, he was responsible for the work of approximately 50 personnel (35 government and 15 contractor) in developing the technology for the next generation ship-board electronic attack systems.

Dr. Grounds ran the Navy's High Power Microwave (HPM) Program from 1997 to 2005; first as Deputy, next as Acting, then officially taking the position in 2002. This was a classified program with the goal of evaluating HPM technology for use by the Navy.

Dr. Grounds was the Program Manager for Electronic Warfare from 1995 to 1997 at the Office of Naval Research. He was responsible for >\$50M worth of S&T funding during his tenure.

Dr. Grounds is on the Board of Directors for the Naval Research Laboratory Federal Credit Union; a \$350M institution with more than 20,000 members. He currently serves as the Chairman for the Member Services Committee.

Dr. Grounds received his bachelor's degree in engineering physics from Cornell University, and his masters and doctorate in electrical engineering from the University of Maryland.

Dr. Grounds received the Invention Award for "Microstrip Dual Mode Elliptic Filter with Modal Coupling Through Patch Spacing" in February 1997 and a Patent Award in June 2000. He was awarded the 2003 Achievement Award from The Technical Cooperation

Program (TTCP) for Research on Advanced Electronic Countermeasures. Dr. Grounds received Special Act Awards in 2005 and 2006 for performance at ONR as the Division Director for the Electronics, Sensors, and Networks Research Division. And last year he was awarded the 2006 Achievement Award from The Technical Cooperation Program (TTCP) for Research on the Defense of Maritime Assets from Asymmetric Attack. Dr. Grounds has received performance awards every year since 1993.

Dr. Grounds is a member of Phi Kappa Phi Academic Honor Society